

Application No. 10/591,972
 Reply to Office Action of July 23, 2010

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-36 (Cancelled).

Claim 37 (Currently amended): ~~The~~ An organic electroluminescence device according to ~~claim 36~~, comprising:

a substrate;

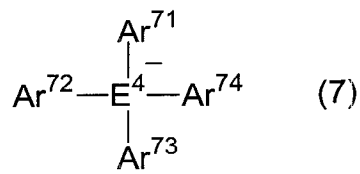
an anode and a cathode adjacent to said substrate;

an emitting layer disposed between said anode and said cathode; and

a first layer, disposed between said anode and said emitting layer,

wherein

the first layer comprises an ionic compound consisting of a cation radical of a charge transporting compound and a counter anion of formula (7)



wherein

E⁴ is an element belonging to group 13 of the long form periodic table; and

Ar⁷¹-Ar⁷⁴ each is independently, an aromatic hydrocarbon group that may have substituents or an aromatic heterocyclic group that may have substituents, and

wherein the first layer comprises a hole-injection layer.

Claim 38 (Previously presented): The organic electroluminescence device according to claim 37, wherein a content of the ionic compound in the hole-injection layer is 1 wt % or higher and 95 wt % or lower.

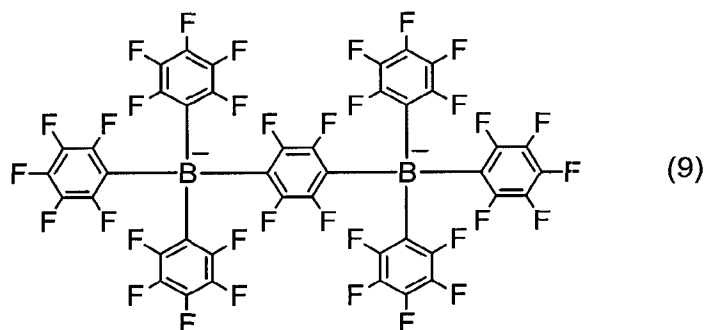
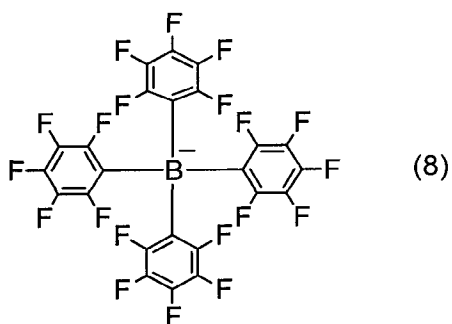
Claim 39 (Cancelled).

Claim 40 (Currently amended): The organic electroluminescence device according to claim 37, ~~wherein the first layer further comprises~~ comprising a hole-transport layer.

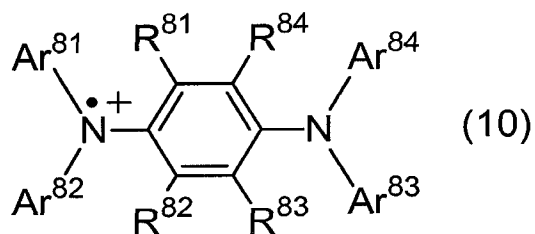
Claim 41 (Currently amended): The organic electroluminescence device according to claim ~~[[36]]~~ 37, wherein said cation radical of a charge-transporting compound is an aminium cation radical.

Claim 42 (Currently amended): The organic electroluminescence device according to claim ~~[[36,]]~~ 37, wherein in formula (7), E^4 is a boron atom or a gallium atom, and at least one of Ar^{71} - Ar^{74} is a group that has one or plural electron-accepting substituents or nitrogen-containing aromatic heterocyclic groups.

Claim 43 (Currently amended): The organic electroluminescence device according to claim ~~[[36]]~~ 37, wherein said counter anion is expressed by the following formula (8) or formula (9).



Claim 44 (Currently amended): The organic electroluminescence device according to claim [[36]] 37, wherein said cation radical of the charge-transporting compound is expressed by the following general formula (10),



wherein in the general formula (10):

Ar⁸¹-Ar⁸⁴ represent, independently of each other, an aromatic hydrocarbon group that may have substituents or an aromatic heterocyclic group that may have substituents; and

R⁸¹-R⁸⁴ represent, independently of each other, an arbitrary group.

Claim 45 (Currently amended): The organic electroluminescence device according to claim [[36]] 37, wherein said cation radical of the charge-transporting compound has a

structure obtained by removing an electron from a repetitive unit of an aromatic tertiary amine macromolecule compound whose weight-average molecular weight is 1000 or larger and 1000000 or smaller.